

AMENDMENTS TO THE CLAIMS

1. (Cancelled)
2. (Previously presented) A DNA encoding a protein defined in the following (A) or (B):

 (A) a protein which has at least an amino acid sequence comprising amino acids 23 to 425 of SEQ ID NO: 16;

 (B) a protein which has a substitution, deletion, insertion or addition of 1 to 20 amino acid residues in the protein which has at least the amino acid sequence comprising amino acids 23 to 425 of SEQ ID NO: 16.
3. (Previously presented) The DNA according to claim 2, wherein the DNA is defined in the following (a) or (b):

 (a) a DNA comprising a nucleotide sequence consisting of nucleotides 187 to 1398 of SEQ ID NO: 15;

 (b) a DNA which is hybridizable with the nucleotide sequence consisting of nucleotides 187 to 1398 of SEQ ID NO: 15 under stringent conditions.
4. (Previously presented) The DNA according to claim 3, further comprising a nucleotide sequence consisting of nucleotides 121 to 187 of SEQ ID NO: 15.
5. (Previously presented) A recombinant vector comprising the DNA according to claim 2.
6. (Previously presented) A transformant transformed with the DNA according to claim 2.
7. (Original) A method of producing a glucose dehydrogenase β subunit, comprising culturing the transformant according to claim 6 to produce a glucose dehydrogenase β subunit as an expression product of the DNA, and collecting the produced β subunit.
- 8-31. (Cancelled)